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examined seventy species out of a hundred and sixty-eight that are certainly known. The author considers *Rhodope varanii* to be a nudibranch, and excepts the Microstomida and the Nemeritines from the Turbellaria. The former differ from other Turbellaria in having a complete peri-œsophageal nerve-ring, as well as in being diœcious, and in their power of multiplying by budding. Thus the Turbellaria consist only of the Rhabdocœlida and Dendrocœlida, the former of which Professor Graff divides into (1) Acœla, forms without nervous system, or excretory organs; as well as without a digestive tract and parenchym tissue, but with an otolith; (2) Rhabdocœla, with all the foregoing except (usually) the otolith, and (3) Alloiocœla.

THE ZOOLOGICAL RECORD FOR 1881.¹—This Record is about as bulky as its predecessors, in fact numbering thirty-six pages more than that for 1880, showing that the literature for 1881 was not less in extent than in previous years. The volume appears promptly, within a year from the close of the year recorded. The staff of recorders is eleven, not including the editor, Mr. Rye. It appears that the year 1881 was, as far as work on mammals is concerned, rather a dull one, no fresh, separate works of importance appearing, though there was no diminution in the number of papers. Ornithology made a better exhibit, as some important general works appeared. More room seems to be given in this volume than in some of its predecessors to abstracts of anatomical and embryological papers, and we hope that this method will be more extensively pursued hereafter, so that the Record will be useful not only to the systematist but to the general student of zoölogy. As it is, however, a work of this kind in the English language is simply invaluable. The student in any department, next to the scientific journals bearing on his specialty, needs a copy of this Record. It is almost a zoölogical library in itself, for it tells the student where to look for the papers in his specialty, thus saving him much valuable time, and preventing his doing over work which may already have been done by some one else.

The number of new genera and subgenera is 1438, as against 1008 of the Record for 1880.

THE GERMAN ZOOLOGICAL YEARLY RECORD.²—This Record, with the exception of the part on Vertebrates, promptly made its appearance the first of January. It is nearly twice as bulky as the English Record, and fuller abstracts are given of morphological and embryological papers and works, as well as the character of new genera. The list of recorders amounts to thirty-four. The general editor is Professor J. Victor Carus, assisted by Dr. P. Mayer.

¹ *The Zoölogical Record for 1881*; being volume eighteenth of the Record of Zoölogical Literature. Edited by E. C. RYE. London, John van Voorst, 1882. 8vo.

² *Zoölogischer Jahresbericht für 1881*. Herausgegeben von der Zoölogischen Station zu Neapel. Abtheilung i-iii. 1882. Leipzig, W. Englemann. 8vo.